



US 20220126914A1

(19) **United States**(12) **Patent Application Publication****Park et al.**(10) **Pub. No.: US 2022/0126914 A1**(43) **Pub. Date: Apr. 28, 2022**

(54) **METHOD AND SYSTEM FOR CONTROLLING IN-SITU ROTATION MODE OF FOUR-WHEEL INDEPENDENT STEERING TYPE VEHICLE**

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(21) Appl. No.: **17/336,604**

(22) Filed: **Jun. 2, 2021**

(30) **Foreign Application Priority Data**

Oct. 27, 2020 (KR) 10-2020-0140561

Publication Classification

(51) **Int. Cl.**
B62D 7/15 (2006.01)

B60K 35/00 (2006.01)

(52) **U.S. Cl.**
CPC **B62D 7/15** (2013.01); **B60K 2370/167** (2019.05); **B60K 35/00** (2013.01)

(57) **ABSTRACT**

A control method of an in-situ rotation mode of a four-wheel independent steering type vehicle includes, when the in-situ rotation mode of the vehicle is executed, a wheel rotation operation for rotating, by a controller, a wheel according to the in-situ rotation mode, when a steering wheel is steered, a target rotation angle calculation operation for calculating, by the controller, a target rotation angle of the vehicle based on a steering angle of the steering wheel, and when a step-in signal of an accelerator pedal is applied, a rotation control operation for controlling, by the controller, the vehicle to be rotated in-situ by as much as the target rotation angle.

